

REMARKS

In the patent application, claims 1-26 are pending. In the office action, claims 1-4, 6-17, 19-24 and 26 are rejected and claims 5, 18 and 25 are objected to but would be allowable if rewritten in independent form.

Applicant has amended claims 1, 5, 6, 11-13, 21 and 22 for typographical or grammatical errors. Applicant has also amended claims 1, 13 and 22 to include the limitation that the second delay section is spaced from the first delay section. The support of the amendment can be found on Figure 10 where the second delay section 754 is shown to be spaced from the first delay section 752.

No new matter has been introduced.

At section 1 of the office action, the disclosure is objected to because of the error in using words “proving” and “lump” on pages 6-9, 11 and 12.

Applicant has amended the specification as required.

At section 2, claims 1, 5, 6, 8, 11-13, 21 and 22 are objected to because of informalities.

Applicant has amended claims 1, 5, 6, 11-13, 21 and 22 to overcome the objection.

At section 4, claims 13-16 are rejected under 35 U.S.C. 102(b) as being anticipated by *Lakin et al.* (“High Performance Stacked Crystal Filters for GPS and Wide Bandwidth Applications”, IEEE 2001 Ultrasonics Symposium Paper 3E-6, October 9, 2001, hereafter referred to as *Lakin*). The Examiner states that the coupling layers under the top piezo-electric layer in Figure 8b of *Lakin* can be served as both the first delay section adjacent to the first resonator and the second delay section adjacent to the second resonator.

It is respectfully submitted that, as amended, claim 13 has the limitation that the second delay section is spaced from the first delay section.

Lakin does not disclose or suggest such feature. In particular, Figure 8b of *Lakin* shows that the coupling layers are extended from one side to the other in an uninterrupted fashion.

For the above reasons, claim 13 is distinguishable over the cited *Lakin* reference.

As for claims 14-16, they are dependent from claim 13 and recite features not recited in claim 13. For reasons regarding claim 13 above, claims 14-16 are also distinguishable over the cited *Lakin* reference.

At section 5, claims 13-17 and 21 are rejected under 35 U.S.C. 102(e) as being anticipated by *Lakin* (U.S. Patent No. 6,720,844, hereafter referred to as '844). The Examiner states that the coupling layers 450 – 452 (Figure 4) can be served both the first delay section adjacent to the first resonator and the second delay section adjacent to the second resonator.

It is respectfully submitted that, as amended, claim 13 has the limitation that the second delay section is spaced from the first delay section.

'844 does not disclose or suggest such feature. In particular, Figure 4 of '844 shows that the coupling layers are extended from one side to the other in an uninterrupted fashion.

For the above reasons, claim 13 is distinguishable over the cited '844 reference.

As for claims 14-16 and 21, they are dependent from claim 13 and recite features not recited in claim 13. For reasons regarding claim 13 above, claims 14-16 and 21 are also distinguishable over the cited '844 reference.

At section 7, claims 1-4, 6, 8-12, 19, 20 and 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over '844 in view of *Fujita* (U.S. Patent No. 6,373,350). The Examiner cites *Fujita* for disclosing a duplexer in a mobile communication terminal.

It is respectfully submitted that, as amended, claim 1 and 22 have the limitation that the second delay section is spaced from the first delay section.

'844 does not disclose or suggest such feature. *Fujita* does not disclose or suggest such feature. In particular, Figure 4 of '844 shows that the coupling layers are extended from one side to the other in an uninterrupted fashion.

For the above reasons, claims 1 and 22 are distinguishable over the cited '844 and *Fujita* references. Furthermore, claim 13 is also distinguishable over '844.

As for claims 2-4, 6, 8-12, 19, 20, 23 and 24, they are dependent from claims 1, 13 and 22 and recite features not recited in claims 1, 13 and 22. For reasons regarding claims 1, 13 and 22 above, claims 2-4, 6, 8-12, 19, 20, 23 and 24 are also distinguishable over the cited '844 and *Fujita* references.

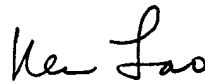
At section 8, claims 7 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over '844, in view of *Fujita* and further in view of *Lakin*. The Examiner cites *Lakin* for disclosing a single-to-single configuration and a single-to-balanced configuration.

It is respectfully submitted that claims 7 and 26 are dependent from claims 1 and 22 and recite features not recited in claims 1 and 22. For reasons regarding claim 1 and 22 above, claims 7 and 26 are also distinguishable over the cited *Lakin*, '844 and *Fujita* references.

CONCLUSION

As amended, claims 1-26 are allowable. Early allowance of all pending claims is earnestly solicited.

Respectfully submitted,



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